



2005 STANDARD DRAWINGS

http://www.udot.utah.gov/index.php/m=c/tid=1091

Change 5, November 9, 2005

Memorandum utah department of transportation

DATE: November 9, 2005

TO: Region Directors

Project Engineers

Project Design Engineers

Project Managers

Consultants and Contractors

FROM: Barry Axelrod, CDT

Standards and Specifications

SUBJECT: 2005 Standard Drawings [U.S. Standard Unit (Inch-Pound Units)] Change 5,

Dated November 9, 2005

A new index and updated drawings are attached. Please take the following action with respect to the attached pages.

<u>REMOVE</u>	<u>INSERT</u>
Cover	Cover - revised for Change Five
N/A	Memo - Insert after cover
Index	Index - revised
Listing	Listing of Revised Standard Drawings, w/Changes 1, 2, 3, 4, & 5
Sheet 1B	Sheet 1B - revised
BA 4D	BA 4D- revised
None	BA 4R- new
CC 5	None - deleted
None	CC 5A - new
None	CC 5B - new
None	CC 5C - new

Electronic files for all Standards Drawings are available on the Internet from the "2005 Standards" Web page, under "2005 Standard Drawings." Individual files are available in two locations. For Microstation DGN format files download individual files from the "2005 Individual Standard Drawings (DGN)" link. For Adobe PDF format files download individual and series files from the "2005 Individual Standard Drawings (PDF)" link. The Series files are zipped in an EXE file. The entire set of drawings is available in Adobe pdf format in six files from the same area as the "2005 Current Drawings" link. The following page shows a break down of the six parts and the drawing series included in each part.

Any changes made to a digitally signed UDOT Standard Drawing Microstation DGN files automatically invalids the digital signatures.

If you have any questions or problems with the electronic files contact me at 801-964-4570 or by email at baxelrod@utah.gov.

Because of file size the 2005 Standard Drawings have been split into six files. The contents of each part are listed below.

Part 1 (Updated as part of Change 1, 2, 3, 4, and 5)

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Sheets 1B and 1C

AT Series Drawings

BA Series Drawings

Part 2 (Updated as part of Change 1, 2, 3, 4, and 5)

CB Series Drawings

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DB Series Drawings

Part 3 (Updated as part of Change 1, 2, and 4)

DD Series Drawings

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EN Series Drawings

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FG Series Drawings

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SN 11 Slipbase Ground Mounted Tubular Steel Sign Post (P4) 04/28/05 SN 12A Ground Mounted Sign Installation Details 08/25/05 SN 12B Ground Mounted Sign Installation Details 01/01/05 SN 12C Ground Mounted Sign Installation Details 01/01/05 Striping (ST) ST 1 Object Markers "T" Intersection And Pavement Transition Guidance 01/01/05 ST 2 Freeway Crossover Markings 01/01/05 ST 3 Typical Pavement Markings 01/01/05 ST 4 Crosswalks, Parking And Intersection Approaches 01/01/05 ST 5 Painted Median And Auxiliary Lane Details 02/24/05 ST 6 Passing/Climbing Lanes Traffic Control 01/01/05 ST 7 Pavement Markings And Signs At Railroad Crossing 01/01/05 ST 8 Plowable Pavement Markers 01/01/05 ST 9 School Crossing And School Message 01/01/05 ST 9 School Crossing And School Message 01/01/05 SW 1A Welded End Guard Unit 01/01/05 SW 1B Precast Concrete Cattle Guard 01/01/05	 SN 8	Ground Mounted Timber Sign Post (P1)	04/28/05
SN 11 Slipbase Ground Mounted Tubular Steel Sign Post (P4) 04/28/05 SN 12A Ground Mounted Sign Installation Details 08/25/05 SN 12B Ground Mounted Sign Installation Details 01/01/05 SN 12C Ground Mounted Sign Installation Details 01/01/05 Striping (ST) ST 1 Object Markers "T" Intersection And Pavement Transition Guidance 01/01/05 ST 2 Freeway Crossover Markings 01/01/05 ST 3 Typical Pavement Markings 01/01/05 ST 4 Crosswalks, Parking And Intersection Approaches 01/01/05 ST 5 Painted Median And Auxiliary Lane Details 02/24/05 ST 6 Passing/Climbing Lanes Traffic Control 01/01/05 ST 7 Pavement Markings And Signs At Railroad Crossing 01/01/05 ST 8 Plowable Pavement Markers 01/01/05 ST 9 School Crossing And School Message 01/01/05 ST 9 School Crossing And School Message 01/01/05 SW 1A Welded End Guard Unit 01/01/05 SW 1B Precast Concrete Cattle Guard 01/01/05	 SN 9		01/01/05
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SN 12C Ground Mounted Sign Installation Details 01/01/05 Striping (ST) ST 1 Object Markers "T" Intersection And Pavement Transition Guidance 01/01/05 ST 2 Freeway Crossover Markings 01/01/05 ST 3 Typical Pavement Markings 01/01/05 ST 4 Crosswalks, Parking And Intersection Approaches 01/01/05 ST 5 Painted Median And Auxiliary Lane Details 02/24/05 ST 6 Passing/Climbing Lanes Traffic Control 01/01/05 ST 7 Pavement Markings And Signs At Railroad Crossing 01/01/05 ST 8 Plowable Pavement Markers 01/01/05 ST 9 School Crossing And School Message 01/01/05 ST 9 School Crossing And School Message 01/01/05 SW 1A Welded End Guard Unit 01/01/05 SW 1B Precast Concrete Cattle Guard 01/01/05	 SN 11		04/28/05
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ST 3 Typical Pavement Markings 01/01/05 ST 4 Crosswalks, Parking And Intersection Approaches 01/01/05 ST 5 Painted Median And Auxiliary Lane Details 02/24/05 ST 6 Passing/Climbing Lanes Traffic Control 01/01/05 ST 7 Pavement Markings And Signs At Railroad Crossing 01/01/05 ST 8 Plowable Pavement Markers 01/01/05 ST 9 School Crossing And School Message 01/01/05 ST 9 School Crossing And School Message 01/01/05 SW 1A Welded End Guard Unit 01/01/05 SW 1B Precast Concrete Cattle Guard 01/01/05			
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SW 1B Precast Concrete Cattle Guard 01/01/05		· · · · · ·	
SW 2 Noise Wall Placement Area 01/01/05			
	 SW 2	Noise Wall Placement Area	01/01/05

 SW 3A SW 3B SW 4A SW 4B	Precast Concrete Noise Wall 1 Of 2 Precast Concrete Noise Wall 2 Of 2 Precast Concrete Retaining/Noise Wall 1 Of 2 Precast Concrete Retaining/Noise Wall 2 Of 2	01/01/05 01/01/05 01/01/05 01/01/05
	Traffic Control (TC)	
TC 1A	Construction Zone Channelization Devices	01/01/05
 TC 1B	Construction Zone Signing	01/01/05
TC 2A	Traffic Control General	01/01/05
 TC 2B	Traffic Control General	01/01/05
 TC 3	Traffic Control Project Limit Signing	01/01/05
 TC 4	Traffic Control Urban Intersections With Roadways Under 50 MPH	01/01/05
 TC 5	Traffic Control Urban Intersections With Roadways Under 50 MPH	01/01/05
 TC 6	Traffic Control Pedestrian Routing	01/01/05
TC 7	Traffic Control Road Closed, Detour	01/01/05
TC 8	Traffic Control Lane Closure	01/01/05
TC 9	Traffic Control Multilane Closure	01/01/05
 TC 10	Traffic Control Expressway And Freeway Crossover/Turn Around	01/01/05
 TC 11	Traffic Control Exit Ramp Gore	01/01/05
 TC 12	Traffic Control Entrance Ramp Gore	01/01/05
 TC 13	Traffic Control Shoulder-Haul Road	01/01/05
TC 14	Traffic Control Flagging Operation	01/01/05
 TC 15	Traffic Control 2 Lane/2 Way Seal Coat With Cover Material	01/01/05
 TC 16	Traffic Control Pavement Marking	01/01/05

Listing of Revised Standard Drawings

Change One

Revised February 24, 2005

AT 1	Legend Sheet	02/24/2005
AT 2	Ramp Meter Details	02/24/2005
AT 3	Ramp Meter Sign Panel	02/24/2005
AT 5	Ramp Meter Loop Installation	02/24/2005
AT 6	Conduit Details	02/24/2005
AT 7	Polymer-Concrete Junction Box Details	02/24/2005
AT 8	ATMS Cabinet	02/24/2005
AT 9	ATMS Cabinet Disconnect And Transformer Frame	02/24/2005
AT 10	CCTV Mounting Details	02/24/2005
AT 11	CCTV Pole Details	02/24/2005
AT 12	CCTV Pole Foundation For Dedicated CCTV Pole	02/24/2005
AT 13	Deleted	N/A
AT 14	Weigh In Motion Piezo Details	02/24/2005
AT 15	RWIS Site And Foundation Details	02/24/2005
AT 16	RWIS Tower Base And Service Pad Layout	02/24/2005
AT 17	Ground Rod Installation And Tower Grounding	02/24/2005
AT 18	TMS Detection Zone Layout	02/24/2005
BA 3	Deleted	N/A
BA 3A	Cast In Place Constant Slope Barrier	02/24/2005
BA 3B	Precast Concrete Constant Slope Transition Section For	
	Crash Cushion And W-Beam Guardrail	02/24/2005
BA 4B	W-Beam Guardrail Transition	02/24/2005
BA 4C	W-Beam Guardrail Transition Curb Section	02/24/2005
CC 7	Deleted	N/A
CC 7A	Grading And Installation Details Crash Cushion Type F	
	Quad Trend 350	02/24/2005
CC 7B	Reserved For Future Use	N/A
CC 8	Deleted	N/A
CC 8A	Grading And Installation Details Crash Cushion Type G	02/24/2005
CC 8B	Grading And Installation Details For "3R" Projects Crash	
	Cushion Type G	02/24/2005
CC 9A	Grading And Installation Details Crash Cushion Type H	02/24/2005
CC 9B	Grading And Installation Details Crash Cushion Type H	
	(Parabolic Flare)	02/24/2005
DD 4	Geometric Design for Freeways (Roadway)	02/24/2005
FG 3	Swing Gates Type I For Gates Less Than 17'	02/24/2005
ST 5	Painted Median And Auxiliary Lane Details	02/24/2005
	-	

Change Two

Revised April 28, 2005

AT 4	Typical Ramp Meter Signal Head Mounting	04/28/2005
CB 1	Curb and Gutter Inlet	04/28/2005
CB 2	Open Curb Inlet	04/28/2005
CB 3	Shallow Catch Basin	04/28/2005
CC 8A	Grading And Installation Details Crash Cushion Type G	04/28/2005
CC 8B	Grading And Installation Details For "3R" Projects Crash	
	Cushion Type G	04/28/2005
CC 9A	Grading And Installation Details Crash Cushion Type H	04/28/2005
CC 9B	Grading And Installation Details Crash Cushion Type H	
	(Parabolic Flare)	04/28/2005
DD 4	Geometric Design for Freeways (Roadway)	04/28/2005
FG 4	Deleted	N/A
FG 4A	Deer Crossing Details	04/28/2005
FG 4B	Deer Ramp Details	04/28/2005
SL 12	Traffic Counting Loop Detector Details	04/28/2005
SL 13	Video Detection Camera Mount	04/28/2005
SN 8	Ground Mounted Timber Sign Post (P1)	04/28/2005
SN 11	Slipbase Ground Mounted Tubular Steel Sign Post (P4)	04/28/2005

Change Three

Revised June 30, 2005

CB 5A	Standard Catch Basin and Cleanout Box	06/30/2005
GW 5A	Pedestrian Access	06/30/2005
GW 5B	Pedestrian Access	06/30/2005
GW 5C	Pedestrian Access	06/30/2005

Change Four

Revised August 25, 2005

BA 1B	Precast Concrete Full Barrier Standard Section	08/25/2005
BA 3B	Precast Concrete Constant Slope Transition Section	08/25/0205
	For Crash Cushion And W-Beam Guardrail	08/25/0205
BA 4B	W-Beam Guardrail Transition	08/25/2005
CC 7B	Crash Cushion Type F BEAT-SSCC	08/25/2005
DG 1	Fill Height for Metal Pipe (Steel)	08/25/2005
EN 1	Temporary Erosion Control (Check Dams)	08/25/2005
EN 2	Temporary Erosion Control (Silt Fence)	08/25/2005
EN 3	Temporary Erosion Control (Slope Drain And	
	Temporary Berm)	08/25/2005
EN 4	Temporary Erosion Control (Drop Inlet Barriers)	08/25/2005
EN 5	Temporary Erosion Control (Pipe Inlet And Curb	
	Inlet Barriers)	08/25/2005
EN 6	Temporary Erosion Control (Sediment Trap and	
	Stabilized Construction Entrance)	08/25/2005
EN 7	Temporary Erosion Control (Straw Bale Barrier)	08/25/2005
SL 14	Highway Luminaire Pole Ground Mount	08/25/2005
SL 15	Luminaire Slip Base Details	08/25/2005
SN 12A	Ground Mounted Sign Installation Details	08/25/2005

Change Five

Revised October 27, 2005

BA 4D	W-Beam Guardrail Anchor Type I	10/27/2005
BA 4R	W-Beam Median Barrier Transition	10/27/2005
CC 5	Deleted	N/A
CC 5A	Grading And Placement Details Crash Cushion	
	Type C "Brakemaster"	10/27/2005
CC 5B	Grading And Placement Details Crash Cushion	
	Type C "C.A.T"	10/27/2005
CC 5C	Grading And Placement Details Crash Cushion	
	Type C "FLEAT-MT"	10/27/2005

UTAH DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

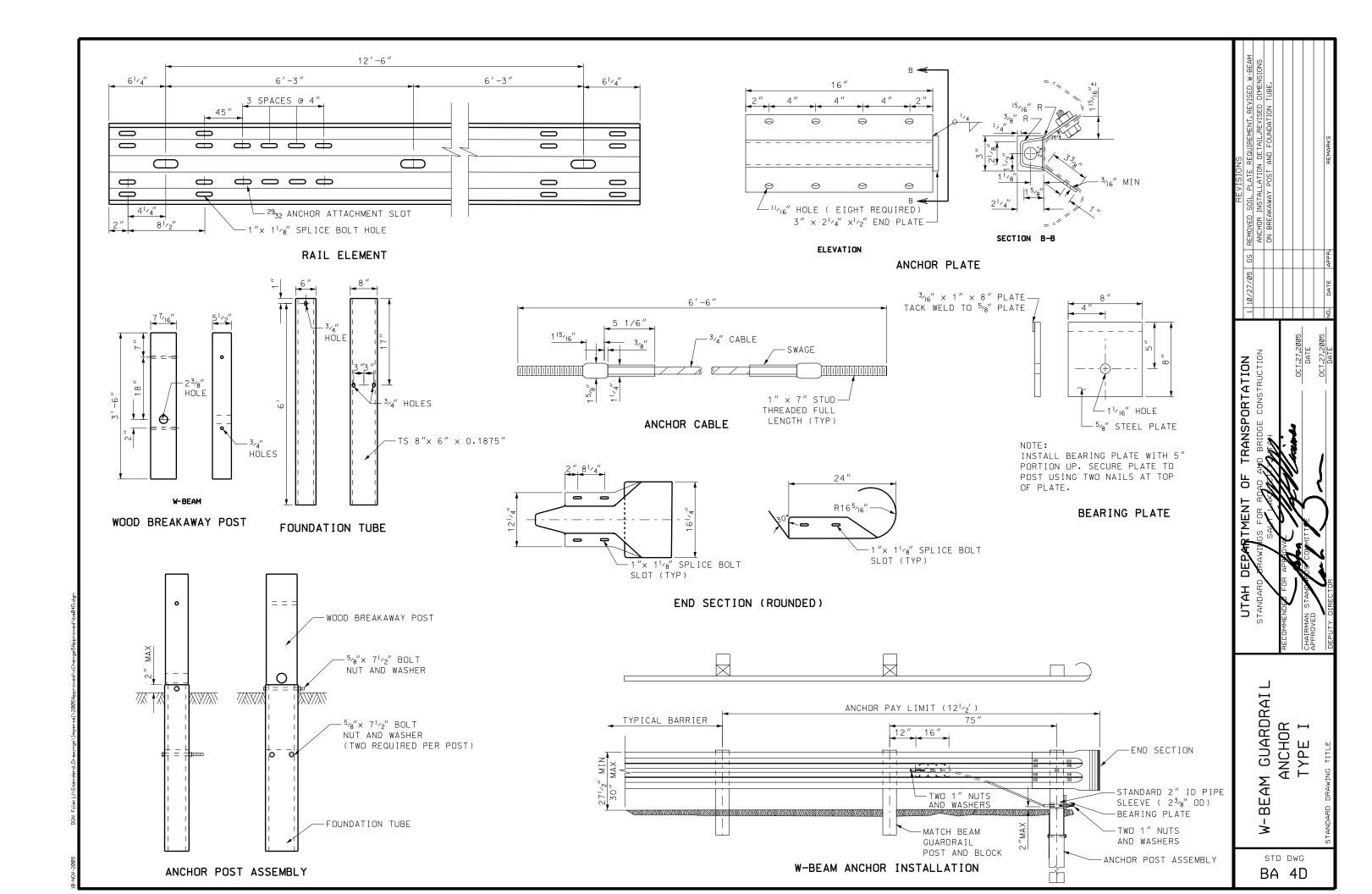
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DWG. NO.	DESCRIPTION	DATE
	Advanced Traffic Management System (AT)	
AT 1	LEGEND SHEET	02-24-05
AT 2	RAMP METER DETAILS	02-24-05
AT 3	RAMP METER SIGN PANEL	02-24-05
AT 4	TYPICAL RAMP METER SIGNAL HEAD MOUNTING	04-28-05
AT 5	RAMP METER LOOP INSTALLATION	02-24-05
AT 6	CONDUIT DETAILS	02-24-05
AT 7	POLYMER-CONCRETE JUNCTION BOX DETAILS	02-24-05
AT 8	ATMS CABINET	02-24-05
AT 9	ATMS CABINET DISCONNECT AND TRANSFORMER FRAME	02-24-05
AT 10	CCTV MOUNTING DETAILS	02-24-05
AT 11	CCTV POLE DETAILS	02-24-05
AT 12	CCTV POLE FOUNDATION FOR DEDICATED CCTV POLE	02-24-05
AT 13	NOT USED	
AT 14	WEIGHT IN MOTION PIEZO DETAILS	02-24-05
AT 15	RWIS SITE AND FOUNDATION DETAILS	02-24-05
AT 16	RWIS TOWER BASE AND SERVICE PAD LAYOUT	02-24-05
AT 17	GROUND ROD INSTALLATION AND TOWER GROUNDING	02-24-05
AT 18	TMS DETECTION ZONE LAYOUT	02-24-05
	Barriers (BA)	
BA 1A	PRECAST CONCRETE FULL BARRIER STANDARD SECTION	01-01-05
BA 1B	PRECAST CONCRETE FULL BARRIER STANDARD SECTION	08-25-05
BA 1C	PRECAST CONCRETE BARRIER TERMINAL FOR SPEED ≤40 MPH	01-01-05
BA 1D	PRECAST CONCRETE FULL SECTION MEDIAN INSTALLATION	01-01-05
BA 1E	PRECAST CONCRETE FULL SECTION SHOULDER APPLICATIONS	01-01-05
BA 2	PRECAST CONCRETE HALF BARRIER STANDARD SECTION	01-01-05
BA 3A	CAST IN PLACE CONSTANT SLOPE BARRIER	02-24-05
BA 3B	PRECAST CONCRETE CONSTANT SLOPE TRANSITION SECTION FOR CRASH CUSHION AND W-BEAM GUARDRAIL	08-25-05
BA 4A	W-BEAM GUARDRAIL HARDWARE	01-01-05
BA 4B	W-BEAM GUARDRAIL TRANSITION	08-25-05
BA 4C	W-BEAM GUARDRAIL TRANSITION CURB SECTIONS	02-24-05
BA 4D	W-BEAM GUARDRAIL ANCHOR TYPE I	10-27-05
BA 4E	W-BEAM GUARDRAIL INSTALLATIONS	01-01-05
BA 4F	W-BEAM GUARDRAIL TYPICALS DIVIDED ROADWAYS	01-01-05
BA 4G	W-BEAM GUARDRAIL TYPICAL MULTILANE ARTERIAL	01-01-05
BA 4H	W-BEAM GUARDRAIL TYPICAL 2 LANE 2 WAY	01-01-05
BA 4I	W-BEAM GUARDRAIL BURIED IN BACKSLOPE TERMINAL	01-01-05
BA 4J	W-BEAM GUARDRAIL BURIED IN BACKSLOPE TERMINAL WITH RUB RAIL	01-01-05
BA 4K	W-BEAM GUARDRAIL BURIED IN BACKSLOPE TERMINAL ANCHOR	01-01-05
BA 4L	W-BEAM GUARDRAIL CURVE DETAILS	01-01-05
BA 4M	W-BEAM GUARDRAIL NESTED GUARDRAIL 12' 6" SPAN	01-01-05
BA 4N	W-BEAM GUARDRAIL NESTED GUARDRAIL 18' 9" SPAN	01-01-05
BA 40	W-BEAM GUARDRAIL NESTED GUARDRAIL 25' SPAN	01-01-05
BA 4P	W-BEAM GUARDRAIL WITH PRECAST BARRIER FOR SPAN > 25'	01-01-05
BA 4Q	NOT USED	
BA 4R	W-BEAM GUARDRAIL MEDIAN BARRIER TRANSITION	10-27-05

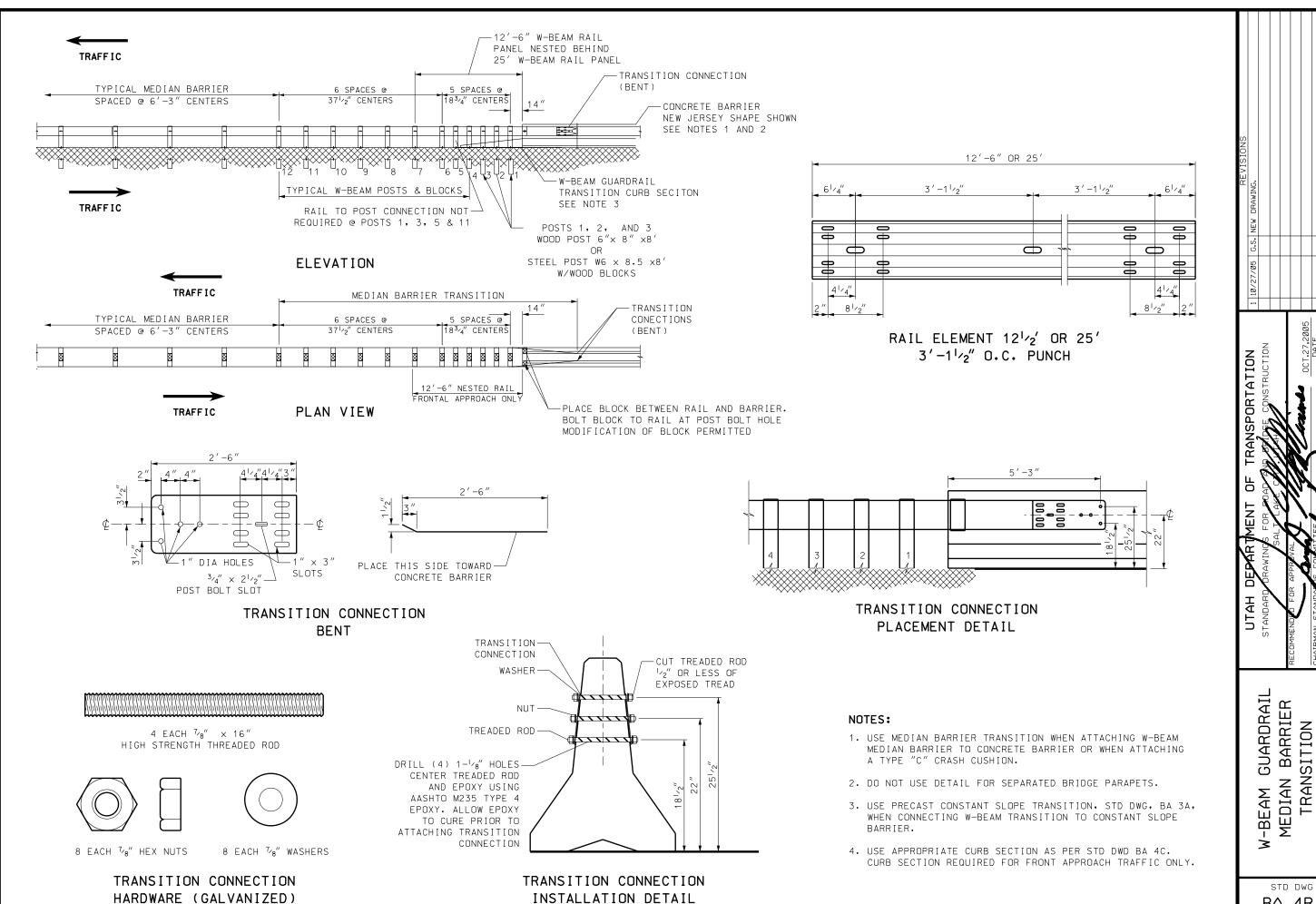
	DWG. NO.	DESCRIPTION	DATE
	.,,,,,	Catch Basins and Cleanouts (CB)	
	CB 1	CURB AND GUTTER INLET	04-28-05
	CB 2	OPEN CURB INLET	04-28-05
	CB 3	SHALLOW CATCH BASIN	04-28-05
	CB 4	OPEN CURB SHALLOW CATCH BASIN	01-01-05
	CB 5A	STANDARD CATCH BASIN AND CLEANOUT BOX	06-30-05
	CB 5A	STANDARD CATCH BASIN AND CLEANOUT BOX STANDARD CATCH BASIN AND CLEANOUT BOX SECTION	01-01-05
	CB 6A	DROP INLET TYPE "A"	01-01-05
	CB 6B	BERM APRON WITH DROP INLET TYPE "A"	01-01-05
_	CB 7A	DROP INLET TYPE "B"	01-01-05
_	CB 7B	NORMAL APRON WITH DROP INLET TYPE "B"	01-01-05
	CB 8A	DOUBLE CATCH BASIN	01-01-05
	CB 8B	DOUBLE CATCH BASIN	01-01-05
_	CB 9A	STANDARD CATCH BASIN AND CLEANOUT BOX SITUATION AND LAYOUT	01-01-05
Ц	CB 9B	STANDARD CATCULARSIN AND CLEANOUT BOX	01-01-05
	CB 9C	STANDARD CATCH BASIN AND CLEANOUT BOX SCHEDULE OF INSTALLATION 18" TO 42" RCP 12" TO 48" CMP	01-01-05
	CB 9D	STANDARD CATCH BASIN AND CLEANOUT BOX SCHEDULE OF INSTALLATION 48" TO 66" RCP 60" TO 78" CMP	01-01-05
	CB 10A	STANDARD CATCH BASIN AND CLEANOUT BOX SITUATION AND LAYOUT	01-01-05
	CB 10B	STANDARD CATCH BASIN AND CLEANOUT BOX SECTION DETAILS	01-01-05
	CB 10C	STANDARD CATCH BASIN AND CLEANOUT BOX SCHEDULE OF INSTALLATION 42" TO 60" RCP 48" TO 72" CMP	01-01-05
	CB 11	STANDARD MANHOLE	01-01-05
		Crash Cushions (CC)	
	CC 1	CRASH CUSHION MARKINGS	01-01-05
	CC 2	CRASH CUSHION DRAINAGE DETAILS GUIDELINE A	01-01-05
	CC 3	CRASH CUSHION DRAINAGE DETAILS GUIDELINE B	01-01-05
	CC 4	DETAIL FOR PLACEMENT CRASH CUSHIONS TYPE A, B AND D	01-01-05
	CC 5A	GRADING AND PLACEMENT DETAILS CRASH CUSHION TYPE C BRAKEMASTER	10-27-05
	CC 5B	GRADING AND PLACEMENT DETAILS CRASH CUSHION TYPE C C.A.T.	10-27-05
	CC 5C	GRADING AND PLACEMENT DETAILS CRASH CUSHION TYPE C FLEAT-MT	10-27-05
۱	CC 6	CRASH CUSHION TYPE E SAND BARREL DETAILS	01-01-05
	CC 7A	GRADING AND INSTALLATION DETAILS CRASH CUSHION TYPE F	02-24-05
-	CC 7B	QUAD TREND 350 CRASH CUSHION TYPE F BEAT-SSCC	08-25-05
-	CC 8A	GRADING AND INSTALLATION DETAILS CRASH CUSHION TYPE G	04-28-05
-	CC 8B	GRADING AND INSTALLATION DETAILS FOR "3R" PROJECTS	04-28-05
-	CC 9A	CRASH CUSHION TYPE G GRADING AND INSTALLATION DETAILS CRASH CUSHION TYPE H	04-28-05
-	CC 9B	GRADING AND INSTALLATION DETAILS CRASH CUSHION TYPE H	
_	CCAR	(PARABOLIC FLARE)	04-28-05
_			
		Diversion Boxes (DB)	
_	DB 1A	STANDARD DIVERSION BOX/COVER PLATE/GRATING FOR 18" DIA. OR 24" DIA. PIPE	01-01-05
	DB 1B	STANDARD DIVERSION BOX HINGED LID DETAILS FOR 18" DIA. OR 24" DIA. PIPE	01-01-05
	DB 1C	STANDARD DIVERSION BOX BICYCLE-SAFE GRATING DETAILS FOR 18" DIA. OR 24" DIA. PIPE	01-01-05
	DB 1D	STANDARD DIVERSION BOX THREE GATE BOX SECTIONS FOR 18" DIA. OR 24" DIA. PIPE	01-01-05
	DB 1E	STANDARD DIVERSION BOX THREE GATE BOX SECTIONS FOR 18" DIA. OR 24" DIA. PIPE	01-01-05
	DB 1F	STANDARD DIVERSION BOX THREE GATE BOX SECTIONS FOR 18" DIA, OR 24" DIA, PIPE	01-01-05
٦	DB 2A	STANDARD DIVERSION BOX W/INTERCHANGEABLE WALLS, BOTTOM SLAB, WALLS AND APRON DETAILS	01-01-05
	DB 2B	STANDARD DIVERSION BOX W/INTERCHANGEABLE WALLS, QUANTITIES SCHEDULE	01-01-05

	DWG. NO.	DESCRIPTION	DATE
П	DB 2C	STANDARD DIVERSION BOX W/INTERCHANGEABLE WALLS, HAND SLIDE GATE DETAILS	01-01-05
	DB 2D	STANDARD DIVERSION BOX TYPE "G" HAND SLIDE GATE DETAILS	01-01-05
H	DB 2E	STANDARD DIVERSION BOX HINGED LID (SOLID COVER PLATE)	01-01-05
	DB 2F	TYPE "A" DETAILS TYPE I PLAN STANDARD DIVERSION BOX HINGED LID (SOLID COVER PLATE)	01-01-05
	DB 2G	TYPE "A" DETAILS TYPE II PLAN STANDARD DIVERSION BOX HINGED LID SOLID COVER TYPE "B" DETAILS	01-01-05
	DB 2H	STANDARD DIVERSION BOX HINGED LID SOLID COVER TYPE "B"	01-01-05
Н	DB 3A	AND "C" DETAILS STANDARD DIVERSION BOX WITH MANHOLE COVER SITUATION	01-01-05
	DB 3B	AND LAYOUT STANDARD DIVERSION BOX WITH MANHOLE COVER UP TO 42" RCP AND UP TO 54" CMP	01-01-05
	DB 3C	STANDARD DIVERSION BOX WITH MANHOLE COVER 48" TO 72" RCP AND 60" TO 84" CMP	01-01-05
	DB 4	STANDARD TRANSITION CONCRETE LINED DITCH TO PIPE OR DIVERSION BOX	01-01-05
		DIVERSION BOX	
		Decign (DD)	
	DD 1	Design (DD) SUPERELEVATION AND WIDENING	01-01-05
	DD 2	SURFACE DITCH, BENCHED SLOPE, AND CUT DITCH DETAILS	01-01-05
	DD 3	CLIMBING LANES	01-01-05
	DD 4	GEOMETRIC DESIGN FOR FREEWAYS (ROADWAY)	04-28-05
		ENTRANCE AND EXIT RAMPS AT CROSSROADS	01-01-05
	DD 6	ENTRANCE AND EXIT RAMP GEOMETRICS	01-01-05
	DD 7	FREEWAY CROSSOVER	01-01-05
	DD 8	STRUCTURAL GEOMETRIC DESIGN STANDARDS FOR CLEARANCES	01-01-05
	DD 9	STRUCTURAL GEOMETRIC DESIGN STANDARDS	01-01-05
	DD 10	RAILROAD CLEARANCES AT HIGHWAY OVERPASS STRUCTURES	01-01-05
	DD 11	RURAL MULTI LANE HIGHWAYS OTHER THAN FREEWAYS	01-01-05
	DD 12	RURAL TWO LANE HIGHWAYS FRONTAGE AND ACCESS ROADS (UNDER 50 ADT)	01-01-05
	DD 13 DD 14	TYPICAL RURAL 2 LANE ROAD WITH MEDIAN LANE AND	01-01-05
	00 14	DECELERATION LANE FOR INTERSECTING CROSSROADS	01-01-05
		Drainage (DG)	
	DG 1	FILL HEIGHT FOR METAL PIPE (STEEL)	08-25-05
	DG 2	FILL HEIGHT FOR METAL PIPE (ALUMINUM)	01-01-05
	DG 3	MAXIMUM FILL HEIGHT FOR HDPE AND PVC PIPES	01-01-05
	DG 4	PIPE MINIMUM COVER	01-01-05
	DG 5	PLASTIC PIPE, METAL PIPE OR PIPE ARCH CULVERT BEDDING	01-01-05
	DG 6	PRECAST CONCRETE PIPE CULVERT	01-01-05
	DG 7	GASKETTED JOINTS OR COUPLING BANDS FOR CMP	01-01-05
	DG 8	METAL CULVERT END SECTION	01-01-05
	DG 9	MISCELLANEOUS PIPE DETAILS	01-01-05
		Environmental Controls (EN)	
	EN 1	TEMPORARY EROSION CONTROL (CHECK DAMS)	08-25-05
	EN 2	TEMPORARY EROSION CONTROL (SILT FENCE)	08-25-05
	EN 3	TEMPORARY EROSION CONTROL (SLOPE DRAIN AND TEMPORARY BERM)	08-25-05
	EN 4	TEMPORARY EROSION CONTROL (DROP INLET BARRIERS)	08-25-05
	EN 5	TEMPORARY EROSION CONTROL (PIPE INLET AND CURB INLET BARRIERS)	08-25-05
	EN 6	TEMPORARY EROSION CONTROL (SEDIMENT TRAP AND STABILIZED CONSTRUCTION ENTRANCE)	08-25-05
	EN 7	TEMPORARY EROSION CONTROL (STRAW BALE BARRIER)	08-25-05

STANDARD DRAWING INDEX SHEET STD DWG 1-B

MARKED BOXES INDICATE DRAWINGS APPLICABLE TO THIS PROJECT





-NOV-2005

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